

In the Claims

1. (Previously Presented) An electronically detectable ball usable for a ball game, comprising:

a bladder,

an external covering enclosing said bladder, and

a sensor, at least a portion of which is integrated into said bladder.

2. (Previously Presented) The electronically detectable ball of claim 1, wherein said portion of the sensor comprises a plurality of individual sensor elements.

3. (Currently Amended) The electronically detectable ball of ~~claims 1 or 2~~ claim 1, further comprising supporting means for supporting at least said portion of the sensor.

4. (Currently Amended) The electronically detectable ball of ~~any of claims 1 to 3~~ claim 1, further comprising an electronic sensor located within said external covering.

5. (Currently Amended) The electronically detectable ball of ~~any of claims 1 to 4~~ claim 1, wherein said sensor comprises a

plurality of sensor elements in an inner space enclosed by said bladder.

6. (Currently Amended) The electronically detectable ball of claim 5, wherein one of said plurality of sensor elements is accommodated by a pocket fixed to an inner surface of said bladder.

7. (Currently Amended) The electronically detectable ball of claim 5, wherein one of said plurality of sensor elements is accommodated by a pocket formed by a portion of said bladder.

8. (Currently Amended) The electronically detectable ball of claim 5, wherein one of said plurality of sensor elements is positioned in said inner space by a filling material.

9. (Currently Amended) The electronically detectable ball of ~~any of claims 1 to 8~~ claim 1, wherein said sensor is configured to be responsive to pressure and/or infra-red radiation and/or to a metal detector.

10. (Currently Amended) A sensor system for detecting a position of an electronically detectable ball, the system comprising:

a transceiver configured to detect an electronically detectable ball ~~according to any of claims 1 to 9~~, and a support structure configured to support said transceiver at a predefined area of a game field.

11. (Previously Presented) The system of claim 10 wherein said transceiver is configured to detect said electronically detectable ball with a spatial resolution that is equal to or less than a diameter of said electronically detectable ball.

12. (Currently Amended) The system of ~~any of claims~~ claim 10 ~~or 11~~, further comprising an indicator means configured to indicate, when said electronically detectable ball is within a specified region of said predefined area.

13. (Previously Presented) The system of claim 12, wherein said indicator means comprises a mobile display means configured to wirelessly communicate with said indicator means.

14. (New) The system of claim 10 wherein the electronically detectable ball comprises:

a bladder;
an external covering enclosing said bladder; and

a sensor, at least a portion of which is integrated into said bladder.

REPLY

The amended claims are based on claims filed in the International patent application on 20 August 2004.

The Preliminary Amendment is being made to make several minor corrections as to form and to remove from the claims the multiple dependencies.

It is respectfully requested that the Examiner enter this Preliminary Amendment and indicate allowable subject matter.

Respectfully submitted,



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